

ABSTRACT

A stacked fuel cell comprises a plurality of cell films and a plurality of separators stacked alternately. The cell films each comprise a solid polymer electrolyte film sandwiched between electrode films made of graphite, while the separators are electrically conductive graphite separators each having a fuel gas channel formed in one surface thereof, and an oxidant gas channel formed in the other surface thereof. In the stacked fuel cell, a plurality of partition plates are interposed with predetermined spacing in the direction of stacking. The partition plates each have an electrically conductive graphite terminal board having a groove formed as a piercing portion, through which a band-shaped fastener made of resin (for example, polypropylene) is passed in a direction perpendicular to the direction of stacking, and an electrically conductive graphite end separator having a gas channel formed in a surface thereof in contact with the cell film.